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DESCRIPTORS: *Butadienes, Catalysts, Chlorides,
Cobalt compounds, Pyridines, *Aluminum compounds,
Buryl radicals, Molecular weight, Polymerization,
*Ziegler catalysts, *Cobalt catalysts.

Some new data on relationships in the process of
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a homogenous catalytic system, composed of the
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aluminum-chloride, are reported. The polymerization
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